

Applicants : David J. Pinsky et al.
U.S. Serial No.: CPA of 09/374,586
Filed : August 13, 1999
Exhibit 1

Marked-up Version to Show Amendments Made to Claims

Claims 1, 2, 9, 10, 11 and 17 have been amended as follows:

- 1. A method for treating or preventing stroke in a human subject [wherein the subject is] susceptible to intracranial hemorrhaging, comprising administering to the human subject an effective amount of CD39 polypeptide comprising consecutive amino acids the sequence of which is set forth in [() SEQ ID NO. 1 ()] or an active polypeptide fragment thereof so as to inhibit [which inhibits] adenosine diphosphate-mediated platelet aggregation by increasing adenosine diphosphate catabolism [to the subject,] without increasing incidence of intracerebral hemorrhage in the human subject.--
- 2. (Amended) The method of claim 1, wherein the active polypeptide fragment of [is] CD39 polypeptide is administered and is a mutated or a truncated form of the CD39 polypeptide.--
- 9. (Amended) The method of claim 1, wherein the administration of the CD39 polypeptide or the [its] active polypeptide fragment thereof [occurs] is effected prior to stroke onset in the human subject.--
- 10. (Amended) The method of claim 1, wherein the administration of the CD39 polypeptide or the [its] active polypeptide fragment thereof [occurs] is effected at the onset of stroke

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in the human subject.

--11. (Amended) The method of claim 1, wherein the administration of the CD39 polypeptide or the [its] active polypeptide fragment thereof [occurs] is effected after [the] stroke onset in the human subject.

--17. (Amended) A method for determining whether a compound inhibits platelet aggregation or leukocyte accumulation by increasing ADP catabolism and does not increase incidence of intracerebral hemorrhage, so as to treat or prevent thrombotic or ischemic disorder[s] in a subject, comprising:

(a) [inducing thrombotic or ischemic disorders in an animal] administering the compound to an animal, which [animal] is [an] a [animal] model for the thrombotic or ischemic disorder[s], before, concurrently with or after step (b);

(b) inducing thrombotic or ischemic disorders in the animal;

[(b)] (c) measuring the stroke outcome [in said animal] and the incidence of intracerebral hemorrhage in [said] animal;

[(c)] (d) measuring platelet deposition and/or fibrin deposition in ischemic tissue in the animal; and

[(d)] (e) comparing the stroke outcome and the platelet [deposition] and/or fibrin deposition [with that of the

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animal model] in the presence of the compound with in the
absence of the compound so as to [identify a] determine
whether the compound is capable of treating or preventing
thrombotic or ischemic disorders in a subject.--